Amendments to the Claims

This listing of claims will replace all prior listings of claims in the application.

Listing of Claims

1-21. (Cancelled)

22. (Currently Amended) ~~The method according to claim 21,~~ A method for controlling a snow-trail grooming vehicle, comprising the steps of:

providing a snow-trail grooming vehicle having a drive motor for providing driving power, a chain or track drive, further consumers of driving power~~wherein the further consumers comprise~~comprising at least one of a snow-trail grooming device and a cable winch, means for distributing driving power onto the chain or track drive and the snow-trail grooming device and cable winch, and a central processing system for controlling said means for distributing driving power;

~~and further comprising the step of~~ selectively prioritizing one of the chain or track drive, the snow-trail grooming device and the cable winch; and

distributing the driving power in dependency of the prioritizing step.

23. (Currently Amended) The method according to claim ~~21~~22, wherein the prioritizing step further includes specifying threshold values for the driving power available to at least one of the further consumers and the chain or track drive.

24. (Currently Amended) The method according to claim ~~21~~22, wherein the prioritizing step further includes specifying threshold values for at least one of output

parameters of the chain or track drive and output parameters of the further consumers.

25. (Previously Presented) ~~The method according to claim 21, further comprising the step of~~ A method for controlling a snow-trail grooming vehicle, comprising the steps of:

providing a snow-trail grooming vehicle having a drive motor for providing driving power, a chain or track drive, further consumers of driving power, means for distributing driving power onto the chain or track drive and the further consumers, and a central processing system for controlling said means for distributing driving power;

prioritizing of one of the chain or track drive, further consumers and groups of further consumers in a changeable way;

detecting environmental parameters and ~~suggesting~~ indicating a change of the prioritizing, in dependency of the environmental parameters, by the central processing system to an operator; and

distributing the driving power in dependency of the prioritizing.

26. (Currently Amended) The method according to claim ~~21~~25, further comprising the step of ~~detecting environmental parameters and~~ automatically carrying out ~~a~~ the change of the prioritizing by the central processing system in dependency of the environmental parameters.

27. (Currently Amended) The method according to claim ~~21~~22, wherein the snow-trail grooming vehicle further has a hydraulic pump driven by the drive motor and a hydrostatic gear of the chain or track drive and wherein the method further comprises the step of correlating the adjustments of the drive motor, the hydraulic pump driven by the drive motor and the hydrostatic gear of the chain or track drive under the control of the central processing system in order to obtain

the desired distribution of the driving power with little power loss.

28. (Currently Amended) The method according to claim ~~21~~22, wherein the snow-trail grooming vehicle further has a hydraulic brake or a hydraulic pump coupled with the drive motor, said hydraulic brake or hydraulic pump being able to provide braking power, the method further comprising the step of distributing the braking power onto the further consumers under control of the central processing system.

29-36. (Cancelled)

37. (Currently Amended) A snow trail grooming vehicle comprising:

a drive motor for providing driving power,

a chain or track drive,

further consumers of driving power comprising at least one of a snow-trail grooming device and a cable winch,

means for distributing driving power onto the chain or track drive and the further consumers,

and a central processing system for controlling said means for distributing driving power,

wherein said central processing system has means for specifying a changeable prioritizing of at least one of the chain or track drive and the further consumers of driving power.

38. (Currently Amended) The snow trail grooming vehicle according to claim 37, wherein the central processing system has means for specifying threshold values for the driving power, said threshold values limiting the driving power made available to the chain or track drive and the further consumers of driving power.

39. (Currently Amended) The snow trail grooming vehicle according to claim 37, wherein the central processing system has means for specifying threshold values for output parameters of the chain or track drive and the further consumers of driving power.

40. (Previously Presented) The snow trail grooming vehicle according to claim 37, further comprising means for determining environmental parameters.

41. (Previously Presented) The snow trail grooming vehicle according to claim 40, wherein the environmental parameters comprise at least one of slope incline, cable-winch operation, density of the snow, temperature of the snow and height of the snow.

42. (Previously Presented) The snow trail grooming vehicle according to claim 37, further comprising a controllable hydraulic pump driven by the drive motor, and at least one controllable hydrostatic gear for the chain or track drive, wherein the central processing system includes means for correlating adjustments of the drive motor, the hydraulic pump and the at least one hydrostatic gear, such correlating being performed with regard to little loss.

43. (Previously Presented) The snow trail grooming vehicle according to claim 37, further comprising at least one hydraulic brake or hydraulic pump coupled with the chain or track drive, the central processing system having means for distributing a braking power, which is produced by the at least one hydraulic brake or hydraulic pump, onto the further consumers.

44. (Cancelled)